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## AMENDMENT TO THE CLAIMS

1. (Previously Presented) A method for ultrasonic testing of an object, wherein at at least one test moment an ultrasonic test signal (S1, S2) is transmitted into the object, while after a particular verification period ( $\Delta t_1$ ,  $\Delta t_2$ ) measured from said test moment, an ultrasonic verification signal (S1', S2') is transmitted into the object, a possible echo of said test signal (S1, S2) being received from said object at a particular first measuring moment, the possible echo being accepted as being the echo (E1, E2) of said test signal (S1, S2) only when an echo (E1', E2') of the verification signal (S1', S2') is received at a particular second measuring moment.

- 2. (Previously Presented) A method for ultrasonic testing of an object, wherein at at least one test moment an ultrasonic verification signal (S1', S2') is transmitted into the object while after a particular verification period ( $\Delta t_1$ ,  $\Delta t_2$ ) measured from said test moment, an ultrasonic test signal (S1, S2) is transmitted into the object, a possible echo of said test signal (S1, S2) being received from said object at a particular second measuring moment, the possible echo being accepted as being the echo (E1, E2) of said test signal (S1, S2) only when an echo (E1', E2') of the verification signal (S1', S2') is received at a particular first measuring moment.
- 3. (Previously Presented) A method according to claim 1, wherein the possible echo of said test signal is accepted as being the echo (E1, E2) of that test signal (S1, S2) only when the

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difference between the first and the second measuring moment is

substantially equal to said verification period ( $\Delta t_1$ ,  $\Delta t_2$ ).

(Previously Presented) A method according to claim 1,

wherein said test signal (S1, S2) and each associated verification

signal (S1', S2') are equal to each other and have in particular

the same signal duration, the same amplitude and the same

frequency spectrum.

5. (Previously Presented) A method according to claim

wherein said test signal (S1, S2) is transmitted into the object

at a first position, while said verification signal (S1', S2') is

transmitted into the object at a second position adjacent said

first position.

(Original) A method according to claim 5, wherein the

distance between the first and second position is smaller than

approximately 1 mm, is in particular approximately 0.5 mm or less,

more in particular approximately 0.1 mm or less.

7. (Previously Presented) A method according to claim 1,

wherein said verification period  $(\Delta t_1, \Delta t_2)$  is smaller than

approximately 100 μs, more in particular smaller than

approximately 50 µs, more in particular smaller than approximately

20 µs.

(Previously Presented) A method according to claim 1,

wherein successively a number of test signals (S1, S2, S3, S4) are

transmitted into the object, in particular with intermediate test

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periods (T) which are greater than said verification period ( $\Delta t_1$ ,

 $\Delta t_2$ ), while after and/or prior to at least one of said test

signals, at least one associated verification signal (S1', S2',

S4', S4'') is transmitted into the object.

9. (Currently Amended) An apparatus, evidently intended and

designed for carrying out—a the method according to claim 1.

(Previously Presented) An apparatus according to claim 9,

wherein, during use, the apparatus is moved along the object at a

particular measuring velocity (V), while the measuring velocity

(V) is in particular greater than approximately 10 m/s and more in

particular greater than approximately 20 m/s.

11. (Previously Presented) An apparatus according to claim 9,

provided with a control, in particular computer means, which

control is designed for accepting an echo received at a particular

measuring moment as being an echo (E1, E2) of the test signal (S1,

S2) only when an echo (E1', E2') of the verification signal (S1',

S2') is received at a different measuring moment,

particular when the difference between the one and other measuring

moment is substantially equal to said verification period ( $\Delta t_1$ ,

 $\Delta t_2$ ).

12. (Previously Presented) The use of an apparatus according to

claim 9, in particular for testing objects, elements, rails,

vehicle parts, vessel parts and/or airplane parts and the like for

defects.

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13. (Previously presented) A method according to claim

wherein the possible echo of said test signal is accepted as being

the echo (E1, E2) of that test signal (S1, S2) only when the

difference between the first and the second measuring moment is

substantially equal to said verification period ( $\Delta t_1$ ,  $\Delta t_2$ ).

14. (Previously presented) A method according to claim

wherein said test signal (S1, S2) and each associated verification

signal (S1', S2') are equal to each other and have in particular

the same signal duration, the same amplitude and the same

frequency spectrum.

(Previously presented) A method according to claim

wherein said test signal (S1, S2) is transmitted into the object

at a first position, while said verification signal (S1', S2') is

transmitted into the object at a second position adjacent said

first position.

16. (Previously presented) A method according to claim 15,

wherein the distance between the first and second position is

smaller than approximately 1 mm, is in particular approximately

0.5 mm or less, more in particular approximately 0.1 mm or less.

17. (Previously presented) A method according to claim

wherein said verification period ( $\Delta t_1$ ,  $\Delta t_2$ ) is smaller than

approximately 100 μs, more in particular smaller than

approximately 50 µs, more in particular smaller than approximately

20 µs.

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(Previously presented) A method according to claim 2,

wherein successively a number of test signals (S1, S2, S3, S4) are

transmitted into the object, in particular with intermediate test

periods (T) which are greater than said verification period ( $\Delta t_1$ ,

 $\Delta t_2$ ), while after and/or prior to at least one of said test

signals, at least one associated verification signal (S1', S2',

S4', S4'') is transmitted into the object.

19. (Previously presented) A method according to claim 3,

wherein:

said test signal (S1, S2) and each associated verification

signal (S1', S2') are equal to each other and have in particular

the same signal duration, the same amplitude and the

frequency spectrum;

said test signal (S1, S2) is transmitted into the object at a

first position, while said verification signal (S1', S2') is

transmitted into the object at a second position adjacent said

first position;

the distance between the first and second position is smaller

than approximately 1 mm, is in particular approximately 0.5 mm or

less, more in particular approximately 0.1 mm or less;

verification period  $(\Delta t_1, \Delta t_2)$ is said smaller than

approximately 100 μs, more in particular smaller than

approximately 50 µs, more in particular smaller than approximately

20 us;

successively a number of test signals (S1, S2, S3, S4) are

transmitted into the object, in particular with intermediate test

periods (T) which are greater than said verification period ( $\Delta t_1$ ,

 $\Delta t_2$ ), while after and/or prior to at least one of said test

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signals, at least one associated verification signal (S1', S2', S4', S4'') is transmitted into the object.

20. (Previously presented) A method according to claim 13, wherein:

said test signal (S1, S2) and each associated verification signal (S1', S2') are equal to each other and have in particular the same signal duration, the same amplitude and the same frequency spectrum;

said test signal (S1, S2) is transmitted into the object at a first position, while said verification signal (S1', S2') is transmitted into the object at a second position adjacent said first position;

the distance between the first and second position is smaller than approximately 1 mm, is in particular approximately 0.5 mm or less, more in particular approximately 0.1 mm or less;

said verification period ( $\Delta t_1$ ,  $\Delta t_2$ ) is smaller than approximately 100  $\mu s$ , more in particular smaller than approximately 50  $\mu s$ , more in particular smaller than approximately 20  $\mu s$ ;

successively a number of test signals (S1, S2, S3, S4) are transmitted into the object, in particular with intermediate test periods (T) which are greater than said verification period ( $\Delta t_1$ ,  $\Delta t_2$ ), while after and/or prior to at least one of said test signals, at least one associated verification signal (S1', S2', S4', S4'') is transmitted into the object.

21. (Currently amended) An apparatus, evidently intended and  $\frac{1}{2}$  designed for carrying out  $\frac{1}{2}$  the method according to claim 2.

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(Previously presented) An apparatus according to claim 21,

wherein, during use, the apparatus is moved along the object at a

particular measuring velocity (V), while the measuring velocity

(V) is in particular greater than approximately 10 m/s and more in

particular greater than approximately 20 m/s.

23. (Previously presented) An apparatus according to claim 21,

provided with a control, in particular computer means, which

control is designed for accepting an echo received at a particular

measuring moment as being an echo (E1, E2) of the test signal (S1,

S2) only when an echo (E1', E2') of the verification signal (S1',

received at a different measuring moment,

particular when the difference between the one and other measuring

moment is substantially equal to said verification period ( $\Delta t_1$ ,

 $\Delta t_2$ ).

24. (Previously presented) The use of an apparatus according to

claim 21, in particular for testing objects, elements, rails,

vehicle parts, vessel parts and/or airplane parts and the like for

defects.

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